



175#42  
PL  
1-203

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Robert S. Oswald ) PATENT APPLICATION  
)  
APPLICATION NO.: 10/068,733 ) Group Art Unit: 1753  
CONFIRMATION NO.: 8728 )  
)  
FILED: February 6, 2002 ) Examiner: Unknown  
)  
FOR: PROCESS FOR PRODUCING ) Attorney Docket No.:  
PHOTOVOLTAIC DEVICES ) SI1159

INFORMATION DISCLOSURE STATEMENT

Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

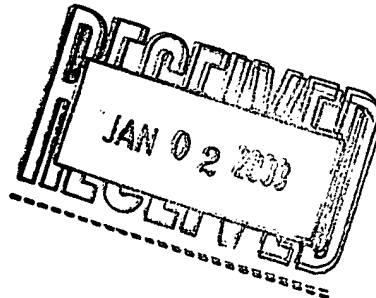
CERTIFICATE OF MAILING	
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231	
on <u>12-17</u> 20 <u>02</u>	By <u>David A. Wilson</u> (Signature)
<u>DAVID A WILSON</u> (Typed or Printed Name of Person Signing Certificate)	

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TC 1700 MAIL ROOM

Applicant hereby submits the attached documents and completed form PTO-1449 in connection with the above-captioned application. Copies of each document noted on Form PTO-1449 are included for the Examiner's convenience.

Please consider the noted documents and make them of record in the file of the above-identified application. These documents were first identified to Applicant in the Partial International Search attached to the PCT Invitation To Pay Additional Fees mailed on October 28, 2002 (a copy of which is attached).

ANY ADDITIONAL FEES REQUIRED  
CHARGE TO DEPOSIT ACCOUNT  
NO. 01-0528



Applicant also wishes to bring to the attention of the Examiner continuation-in-part patent application Serial No. 10/214,227 filed on April 7, 2002. *August*

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.17(l) which may be required to Account No. 01-0-528. A duplicate copy of this sheet is enclosed.

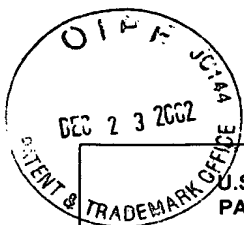
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Respectfully submitted,



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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF DOCUMENTS CITED BY APPLICANT  
(Use several sheets if necessary)ATTY. DOCKET NO.  
SL1159SERIAL NO.  
10/068,733APPLICANT  
Robert S. OswaldFILING DATE  
February 6, 2002GROUP  
1753

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	6	6	3	8	2	8	05/12/87	Joseph J. Hanak	29	572	
	AB	5	5	9	3	9	0	1	01/14/97	Oswald et al.	437	2	
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL	0	6	6	1	7	6	0	07/05/95	European	H01L	31/20		
	AM	0	5	5	4	8	7	7A	08/11/93	European	H01L	31/18		
	AN													
	AO													
	AP													

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:

1-23, 27

2. This communication is not the international search report which will be established according to Article 18 and Rule 43.

3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.

4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 663 828 A (HANAK JOSEPH J) ✓ 12 May 1987 (1987-05-12) the whole document ---	1-23, 27
X	EP 0 661 760 A (CANON KK) ✓ 5 July 1995 (1995-07-05) figure 1 ---	1
A	US 5 593 901 A (OSWALD ROBERT ET AL) ✓ 14 January 1997 (1997-01-14) abstract ---	8
A	EP 0 554 877 A (CANON KK) ✓ 11 August 1993 (1993-08-11) figure 7 -----	

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Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

\* Special categories of cited documents

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*8\* document member of the same patent family

# Patent Family Annex

Information on patent family members

International Application No

PCT/US 02/25063

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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